

FIG. 1

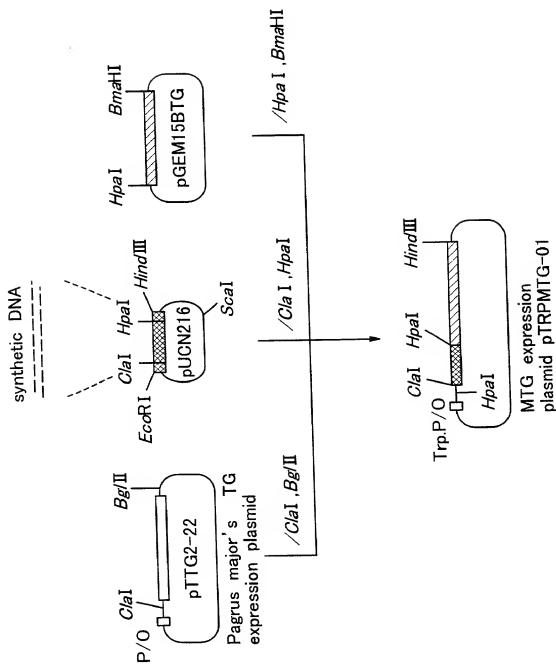


FIG. 2

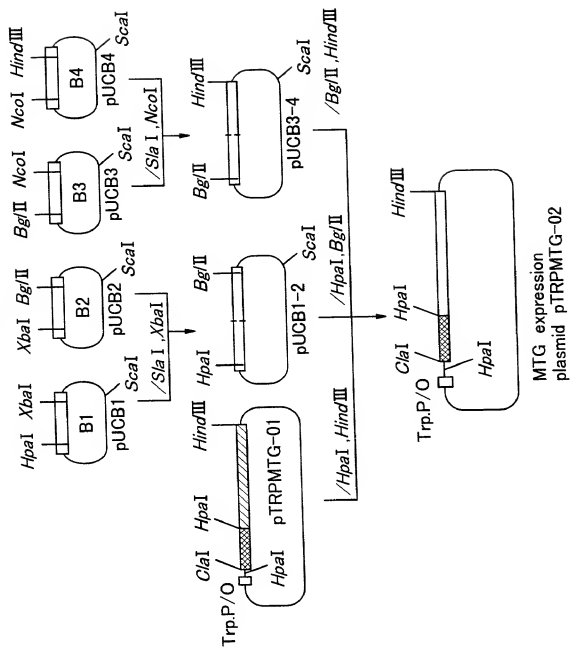
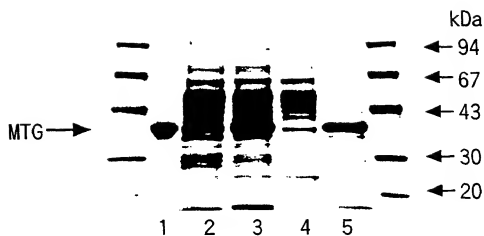


FIG. 3



- 1.MTG(4  $\mu$ g)
- 2.Whole fraction of broken pUC19/JM109 cells (negative control)
- 3.Whole fraction of broken pUCTRPMTG-02/JM109 cells
- 4.Centrifugal supernatant fraction of the third lane
- 5.Centrifugal precipitate fraction of the third lane

FIG. 4

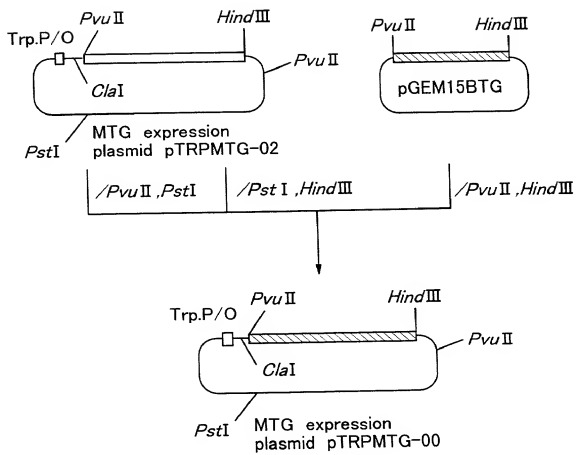


FIG. 5

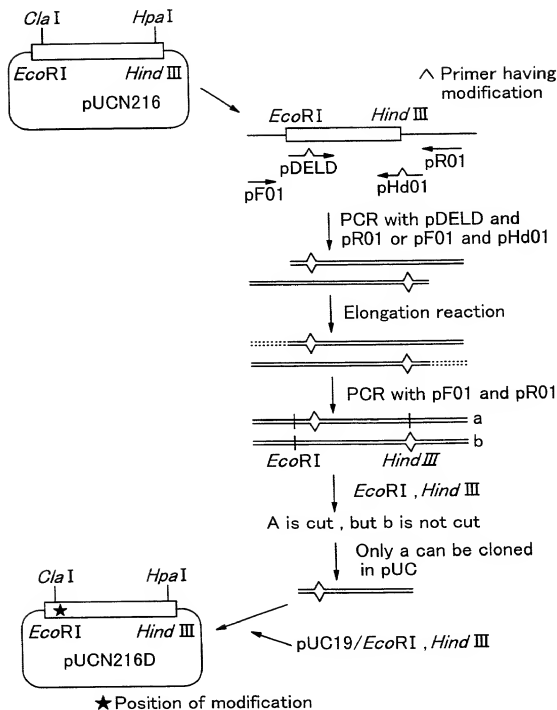


FIG. 6

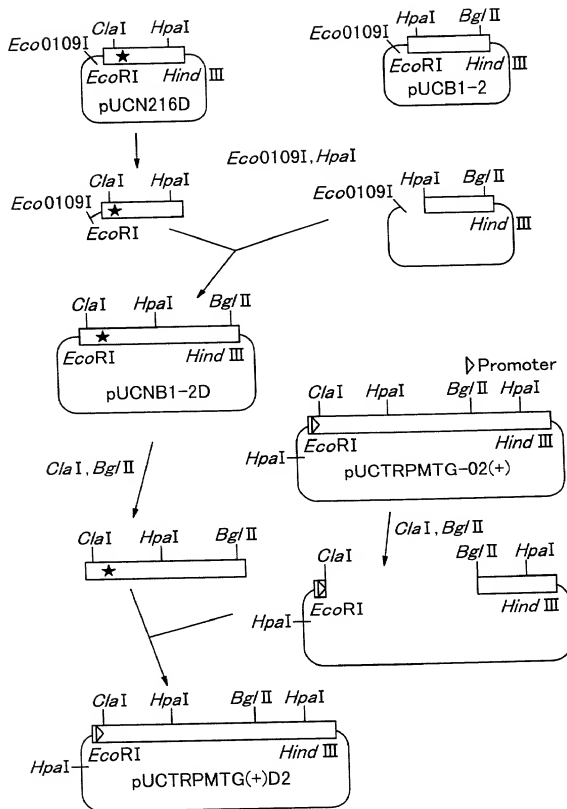


FIG. 7

pUCTRPMTG-02(+) : ...TTTAAATGGATTCTGACGAT...  
M D S D D

pUCTRPMTG(+ )D2 : ...TTTAAATG----TCTGACGAT...  
M S D D

Natural MTG : D S D D are deleted bases

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FIG. 8

MTG from pUCTRPMTG(+ )D2 : SDDRV...

Reference

Natural MTG : DSDDRV...

MTG from pUCTRPMTG-02(+) : MDSDDRV...